



TM

CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Approve Request for Proposal (RFP) for Acceptance Testing and Commissioning of the Killelea Substation Rehabilitation Project (EUD)

MEETING DATE: January 16, 2008

PREPARED BY Electric Utility Director

RECOMMENDED ACTION: Approve issuance of a Request for Proposal to perform acceptance testing and commissioning of the Killelea Substation Rehabilitation Project.

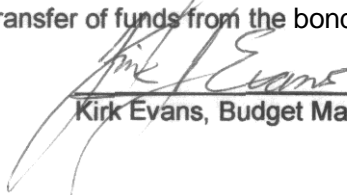
BACKGROUND INFORMATION: The rehabilitation of the Killelea Substation is currently ongoing. The project includes the modification of the existing 60kV system, installation of new 12kV switchgear, construction of new control building, installation of updated communications and security systems, and expansion of the substation facility itself. Rosendin Electric, Inc. (Rosendin) is the general contractor for this project. Siemens Power Transmission & Distribution (Siemens) is the supplier for the 12kV switchgear and the remote terminal communications unit (RTU). Acceptance testing and commissioning tasks are the Electric Utility Department's (EUD's) responsibility.

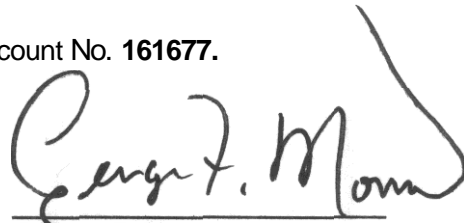
According to Rosendin's latest project schedule, the final acceptance testing and commissioning activities for the rehabilitated substation systems/equipment will begin in mid-March 2008. This task will cover the two 60kV breakers, one 60kV disconnect switch, 12kV switchgear, RTU and communication systems, security systems, control building electrical systems, protection systems, and the control and auxiliary systems. The Acceptance Testing and Commissioning task will also include the maintenance, repair and overhauling of the existing two (2) power transformers. Acceptance testing demands a very detailed inspection, adjustments and confirmation that all power equipment is in excellent working condition and all systems are functioning correctly and safely before final substation operations. This work is planned to occur approximately four to five weeks prior to the actual energization of the substation facility, which is scheduled on May 1, 2008.

Due to the critical nature of this task in completing the rehabilitation project on schedule and assuring correct and safe operation of the substation, staff is recommending that the RFP be approved now in order that acceptance testing and commissioning of the Killelea Substation Rehabilitation Project be done on a timely basis.

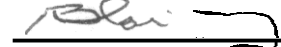
FISCAL IMPACT: Estimated cost is approximately \$175,000.

FUNDING: Transfer of funds from the bond proceeds to Account No. 161677.


Kirk Evans, Budget Manager


George F. Morrow
Electric Utility Director

PREPARED BY: Demy Bucaneg, Jr., P.E., Manager, Engineering & Operations
GFM/DB/1st

APPROVED: 
Blair King, City Manager